

WHAT IS CLAIMED IS:

1. A method for constructing a uniform event representation for an event in accordance with a uniform data model, said method comprising:
 - 5 selecting a category, to which said event belongs, said category being selected from a plurality of categories defined by said uniform data model;
 - selecting at least one measurement type, based on which the event is triggered, said at least one measurement being selected from a plurality of measurement types defined by said uniform data model;
 - 10 incorporating quantitative values of said at least one measurement type into said uniform event representation, said quantitative values being acquired by a process in which said event is detected ; and
 - incorporating qualitative assessment for each of said at least one measurement into said uniform event representation, said qualitative assessment being
 - 15 generated by said process.
2. The method according to claim 1, further comprising:
 - generating an event ID for said event to be incorporated in said uniform event representation;
 - 20 incorporating the ID of said process, where said event is detected, in said uniform event representation;
 - incorporating at least one piece of evidence, based on which said event is detected, in said uniform event representation; and
 - incorporating a description about said event in said uniform event
 - 25 representation.

3. The method according to claim 1, wherein said categories include meta-category, external transaction category, internal category, operating system category, application category, and network category.

5

4. The method according to claim 1, wherein said measurement types include availability, response time, throughput, and service readiness.

5. A method of using a uniform data model, said method comprising:

10

posting zero or more events, described in uniform event representation constructed based on uniform data model, in an event pool by a process where said zero or more events are generated; and

accessing an event, described in uniform event representation constructed based on uniform data model and posted in said event pool, by a process.

15

6. The method according to claim 6, wherein said event pool includes a blackboard server.

7. A method for using a uniform data model, said method comprising:

20

generating a uniform event representation for an event by a process where said event is detected, said uniform event representation being constructed in accordance with said uniform data model; and

sending said uniform event representation for said event, by said process, to a different process to notify said different process about the occurrence of said event.

25

8. The method according to claim 7, further comprising:

receiving, by a process, a uniform event representation, constructed in accordance with said uniform data model, from a different process, said uniform event representation describing an event occurred and detected by said different process.

5 9. The method according to claim 1, wherein said process includes a behavior expert.

10. The method according to claim 7, wherein said process includes a behavior expert.

10

11. The method according to claim 8, wherein said process includes a behavior expert.